

CR 595 Wetland Mitigation Task List
Dishno Creek Headwaters Wetland Preservation Area

October 3, 2012

Mitigation Area Summary

Dishno Creek Headwaters Wetland Preservation Area

Wetlands Preserved 647 Acres

S3 Wetland Communities 338 Acres

Potential NLG Habitat 55 Acres

Mitigation Ratio (25.15 wetland acres impacted to 647 wetland acres preserved) **25.7 to 1**

S3 Wetland Ratio (10.43 acres S3 impacted to 338 acres S3 Preserved) **32.4 to 1**

Wetland Mitigation Tasks

1. Submit preliminary baseline assessment describing habitat types and acreage to DEQ prior to October 31, 2012.
2. Submit Draft Stewardship Agreement between MDEQ, permittee (Marquette County Road Commission, Land Owner (Rio Tinto or other entity), and the steward (Michigamme Township) prior to DEQ counter-signature of the permit.
3. Submit Long-term Management Plan prior to DEQ counter-signature of the permit outlining the following:
 - a. How the Conservation Easement Area shall be managed and used in keeping with the conservation resource values and purposes of the Conservation Easement.
 - b. A vegetation management strategy for controlling nonnative invasive plant species identified in the baseline assessment.
 - c. Overall site management required to minimize any threats to the Conservation Easement Area that could have a negative effect on the long-term viability of the Conservation Easement.
 - d. An assessment of existing uses and the maintenance issues associated with existing pathways, trails, structures, and the like.
 - e. A reporting time period.
4. MCRC will provide a source of funding for an endowment toward the Steward's costs for replacing and maintaining signs, monitoring and managing the Conservation Easement Area, and for all activities of the Township under the Stewardship Agreement prior to DEQ counter-signature of the permit.
5. Preparation and submittal of Conservation Easement and Title Report prior to start of

construction.

6. MCRC will submit surety bond or letter of credit to ensure conservation easement is recorded, signs are posted, site enhancement features are completed, management plan provide, baseline conditions documented, stewardship agreement and funds established prior to DEQ counter-signature of the permit.
7. KME and stewardship team will conduct a baseline ecological assessment of the DCHWPA documenting the current ecological conditions of the Conservation Easement Area. The baseline assessment will be conducted according to permit conditions 44 and 45. The baseline assessment will be conducted in 2013 during two field events, one between May 15 and July 1, 2013 and the second between August 1 and September 15, 2013. A Baseline Ecological Report will be submitted to MDEQ by November 1, 2013.
8. MCRC will place signs, or other suitable markings along the boundary of the Conservation Easement Area to clearly demarcate the boundary of the Conservation Easement Area within 180 days of issuance of the permit or sooner as weather conditions might allow.
9. Michigamme Township will provide the ecosystem management of the Conservation Easement Area in accordance with the Stewardship Agreement, Management Plan, and the Conservation Easement by employing or utilizing the services of consultants such as King & MacGregor Environmental, Inc. and agencies such as the Marquette County Conservation District.